

Hyaluronic Acid (Hyaluronan)

where R = H, structure represents plain HA -QN⁺ complex where $R = Si(CH_3)_3$, structure represents silylated HA -QN⁺

An acylated silylated HA⁻-QN⁺ complex structure, such that Si(CH₃)₃ groups now replaced with R'CO

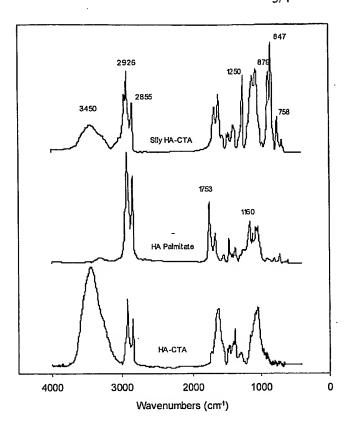
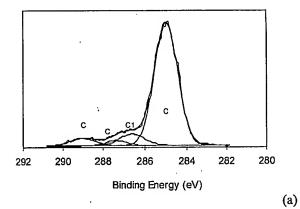


FIG. 3



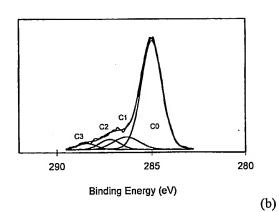
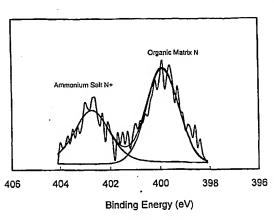


FIG. 4A

FIG. 4B

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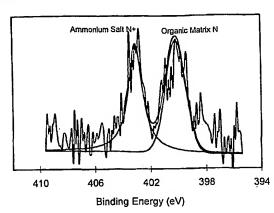
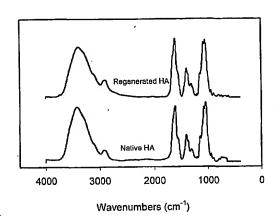


FIG. 5A

FIG. 5B



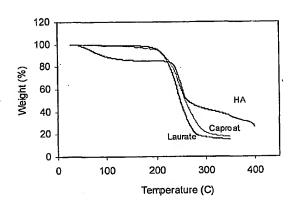


FIG. 6

FIG. 7

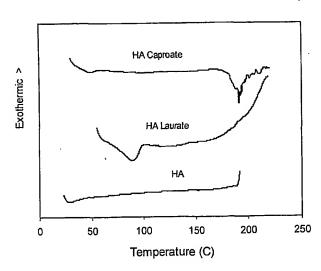


FIG. 8